

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE(S) 1 of 3
2. AMENDMENT/MODIFICATION NO. 69	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)	
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337		7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164		()	9A. AMENDMENT OF SOLICITATION NO.	
			9b. DATED (SEE ITEM 11)	
		X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080	
			10B. DATED (SEE ITEM 13): 07-26-01	
CODE:	FACILITY CODE:			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GFG

TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$48,430,378.40

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral 52.232-22 Limitation of Funds (APR 1984)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

1. The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Pamela J. Taylor	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 7/16/2003

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

BASELINE:

a. The total amount allotted for payment of cost is revised as follows:

From: \$26,566,837.69 By: \$00.00 To: \$26,566,837.69

b. The total amount allotted for fee is revised as follows:

From: \$1,546,218.00 By: \$00.00 To: \$1,546,218.00

IDIQ:

a. The total amount allotted for payment of cost is revised as follows:

From: \$19,124,959.85 By: \$74,892.19 To: \$19,199,852.04

b. The total amount allotted for fee is revised as follows:

From: \$1,113,111.86 By: \$4,358.81 To: \$1,117,470.67

c. The total amount allotted for payment of cost and fee is as follows:

From: \$48,351,127.40 By: \$79,251.00 To: \$48,430,378.40

Total amount of funds obligated per this modification is \$79,251.00

The period of performance covered by the allotted funding is 09/01/01 through approximately 10/03/2003.

3. ACCOUNTING AND APPROPRIATION DATA
OBLIGATE:

IDIQ:

<u>PR Number</u>	<u>WBC</u>	<u>Fund</u>	<u>Cost Cr</u>	<u>Amt</u>	<u>SOW/TO</u>
4200020120	51-675-73-60	SAT292003D	514530	\$70,000.00	04-106-2003
4200019549	51-45-7951-01	SAT452002D	512051	\$ 9,251.00	08-23-2003

4. No other changes to the subject contract are made by issuance of this modification .

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE(S) 1 of 3
2. AMENDMENT/MODIFICATION NO. 70	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)	
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337		7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164		()	9A. AMENDMENT OF SOLICITATION NO.	
			9b. DATED (SEE ITEM 11)	
		X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080	
CODE:	FACILITY CODE:		10B. DATED (SEE ITEM 13): 07-26-01	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GFG

TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$48,735,478.40

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral 52.232-22 Limitation of Funds (APR 1984)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

- The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Pamela J. Taylor	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 7/24/2003

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

BASELINE:

a. The total amount allotted for payment of cost is revised as follows:

From: \$26,566,837.69 By: \$269,419.50 To: \$26,836,257.19

b. The total amount allotted for fee is revised as follows:

From: \$1,546,218.00 By: \$15,680.50 To: \$1,561,898.50

IDIQ:

a. The total amount allotted for payment of cost is revised as follows:

From: \$19,199,852.04 By: \$18,900.00 To: \$19,218,752.04

b. The total amount allotted for fee is revised as follows:

From: \$1,117,470.67 By: \$1,100.00 To: \$1,118,570.67

c. The total amount allotted for payment of cost and fee is as follows:

From: \$48,430,378.40 By: \$305,100.00 To: \$48,735,478.40

Total amount of funds obligated per this modification is \$305,100.00.

The period of performance covered by the allotted funding is 09/01/01 through approximately 10/07/2003.

3. ACCOUNTING AND APPROPRIATION DATA

OBLIGATE:

Baseline:

<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Cost Cr</u>	<u>Amt</u>	<u>SOW/TO</u>
4200021648	MPS	SAT292003D	519970000	\$285,100.00	15

IDIQ:

<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Cost Cr</u>	<u>Amt</u>	<u>SOW/TO</u>
4200021660	51R-622-91-U035-01	SAT292003R	518400	\$20,000.00	11-01-2003

4. No other changes to the subject contract are made by issuance of this modification .

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE(S) 1 of 3
2. AMENDMENT/MODIFICATION NO. 71	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)		
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337			7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164			()	9A. AMENDMENT OF SOLICITATION NO.	
				9b. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080	
				10B. DATED (SEE ITEM 13): 07-26-01	
CODE:		FACILITY CODE:			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GFG

TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$49,115,683.40

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral 52.232-22 Limitation of Funds (APR 1984)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

- The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Pamela J. Taylor	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 8/5/2003

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

BASELINE:

a. The total amount allotted for payment of cost is revised as follows:

From: \$26,836,257.19 By: \$332,734.50 To: \$27,168,991.69

b. The total amount allotted for fee is revised as follows:

From: \$1,561,898.50 By: \$19,365.50 To: \$1,581,264.00

IDIQ:

a. The total amount allotted for payment of cost is revised as follows:

From: \$19,218,752.04 By: \$26,559.22 To: \$19,245,311.26

b. The total amount allotted for fee is revised as follows:

From: \$1,118,570.67 By: \$1,545.78 To: \$1,120,116.45

c. The total amount allotted for payment of cost and fee is as follows:

From: \$48,735,478.40 By: \$380,205.00 To: \$49,115,683.40

Total amount of funds obligated per this modification is \$380,205.00.

The period of performance covered by the allotted funding is 09/01/01 through approximately 10/12/2003.

3. ACCOUNTING AND APPROPRIATION DATA

OBLIGATE:

Baseline:

<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Cost Cr</u>	<u>Amt</u>	<u>SOW/TO</u>
4200023132	MPS	SAT292003D	519970000	\$111,200.00	2
4200023528-1	MPS	SAT292003D	519970000	\$118,500.00	8
4200023528-2	MPS	SAT292003D	519970000	\$18,770.00	7
4200023528-3	51-788-10-00	HSF542003D	512051	\$27,000.00	8
4200023528-4	51-773-10-00	SAT292003D	512051	\$10,130.00	7
4200023528-5	51-773-10-00	SAT292003D	512051	\$66,500.00	8

IDIQ:

<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Cost Cr</u>	<u>Amt</u>	<u>SOW/TO</u>
4200023020	51-39-2051-09	SAT392002D	512280	\$5,437.00	02-28-2002
4200023381	MPS	SAT292003D	519970000	\$10,568.00	02-10-2003
4200023632	MPS	SAT292003D	519970000	\$10,000.00	05-05-2003
4200023942	51-37-6051-45	MS372001D	512280	\$3,600.00	05-02-2003

DEOBLIGATE:

IDIQ:

<u>PCN Number</u>	<u>WBS</u>	<u>PLI</u>	<u>ALI</u>	<u>Amt</u>	<u>SOW/TO</u>
840-60864A	5124-436-12-01-01	11	44	\$1,000.00	04-12-2003
840-60864A	5124-436-12-01-01	11	44	\$500.00	04-12-2003

4. No other changes to the subject contract are made by issuance of this modification .

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE(S) 1 of 3
2. AMENDMENT/MODIFICATION NO. 72	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)		
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337			7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164			()	9A. AMENDMENT OF SOLICITATION NO.	
				9b. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080	
				10B. DATED (SEE ITEM 13): 07-26-01	
CODE:		FACILITY CODE:			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GFG

TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$50,483,433.40

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral 52.232-22 Limitation of Funds (APR 1984)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

I. The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Pamela J. Taylor	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 8/14/2003

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

BASELINE:

a. The total amount allotted for payment of cost is revised as follows:

From: \$27,168,991.69 By: \$934,212.82 To: \$28,103,204.51

b. The total amount allotted for fee is revised as follows:

From: \$1,581,264.00 By: \$54,372.18 To: \$1,635,636.18

IDIQ:

a. The total amount allotted for payment of cost is revised as follows:

From: \$19,245,311.26 By: \$358,310.92 To: \$19,603,622.18

b. The total amount allotted for fee is revised as follows:

From: \$1,120,116.45 By: \$20,854.08 To: \$1,140,970.53

c. The total amount allotted for payment of cost and fee is as follows:

From: \$49,115,683.40 By: \$1,367,750.00 To: \$50,483,433.40

Total amount of funds obligated per this modification is \$1,367,750.00.

The period of performance covered by the allotted funding is 09/01/01 through approximately 10/29/2003.

3. ACCOUNTING AND APPROPRIATION DATA
OBLIGATE:

Baseline:

<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Cost Cr</u>	<u>Amt</u>	<u>SOW/TO</u>
4200023162-2	51-773-10-00	SAT292003D	512051	\$169,000.00	10
4200023162-5	MPS	SAT292003D	519970000	\$20,500.00	10
4200024874	MPS	SAT292003D	519970000	\$680,732.00	3
4200024893	MPS	SAT292003D	519970000	\$118,353.00	6

IDIQ:

<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Cost Cr</u>	<u>Amt</u>	<u>SOW/TO</u>
4200023162-3	MPS	SAT292003D	519970000	\$221,500.00	10-12-2003
4200023162-4	MPS	SAT292003D	519970000	\$46,155.00	10-21-2003
4200023940	51-39-2051-06	SAT392002D	512280	\$750.00	02-30-2002
4200023975	51-39-2051-08	SAT392002D	512280	\$1,800.00	02-29-2002
4200023978	51-39-2051-10	SAT392002D	512280	\$1,500.00	02-27-2002
4200023991	51-39-2051-09	SAT392002D	512280	\$2,701.00	02-28-2002
4200024784	MPS	SAT292003D	519970000	\$10,700.00	05-02-2003
4200024788	51-773-10-00	SAT292003D	512280	\$38,500.00	05-02-2003
4200024815	51-773-10-00	SAT292003D	512280	\$22,500.00	05-04-2003
4200024820	51-773-10-00	SAT292003D	512280	\$21,000.00	05-05-2003
4200025178	MPS	SAT292003D	519970000	\$1,343.00	02-15-2003
4200025302	MPS	SAT292003D	519970000	\$10,716.00	02-36-2003

4. No other changes to the subject contract are made by issuance of this modification .

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE(S) 1 of 3
2. AMENDMENT/MODIFICATION NO. 73	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)		
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337			7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164			()	9A. AMENDMENT OF SOLICITATION NO.	
				9b. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080	
				10B. DATED (SEE ITEM 13): 07-26-01	
CODE:		FACILITY CODE:			

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[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

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12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GFG

TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$51,001,917.40

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral 52.232-22 Limitation of Funds (APR 1984)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

- The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Pamela J. Taylor	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 8/26/2003

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

BASELINE:

a. The total amount allotted for payment of cost is revised as follows:

From: \$28,103,204.51 By: \$460,893.51 To: \$28,564,098.02

b. The total amount allotted for fee is revised as follows:

From: \$1,635,636.18 By: \$26,824.49 To: \$1,662,460.67

IDIQ:

a. The total amount allotted for payment of cost is revised as follows:

From: \$19,603,622.18 By: \$29,073.87 To: \$19,632,696.05

b. The total amount allotted for fee is revised as follows:

From: \$1,140,970.53 By: \$1,692.13 To: \$1,142,662.66

c. The total amount allotted for payment of cost and fee is as follows:

From: \$50,483,433.40 By: \$518,484.00 To: \$51,001,917.40

Total amount of funds obligated per this modification is \$518,484.00.

The period of performance covered by the allotted funding is 09/01/01 through approximately 11/03/2003.

3. ACCOUNTING AND APPROPRIATION DATA
OBLIGATE:

Baseline:

<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Cost Cr</u>	<u>Amt</u>	<u>SOW/TO</u>
4200026827	51-773-10-00	SAT292003D	512930	\$9,890.00	14
4200026827	51-773-10-00	SAT292002D	512960	\$4,496.00	12
4200026842	MPS	HSF542002D	519970000	\$473,332.00	11

IDIQ:

<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Cost Cr</u>	<u>Amt</u>	<u>SOW/TO</u>
4200025799	51-879-85-53	SAT292003D	518100	\$4,000.00	08-12-2003
4200026826	51-773-10-00	SAT292002D	51-1300	\$4,500.00	14-01-2003
4200026826	51-788-10-00	HSF542002D	51-1300	\$22,266.00	14-01-2003

4. No other changes to the subject contract are made by issuance of this modification .

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE(S) 1 of 4
2. AMENDMENT/MODIFICATION NO. 74	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)		
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337			7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164			()	9A. AMENDMENT OF SOLICITATION NO.	
				9b. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080	
				10B. DATED (SEE ITEM 13): 07-26-01	
CODE:		FACILITY CODE:			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GFG

TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$52,054,329.35

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral 52.232-22 Limitation of Funds (APR 1984)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

I. The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James L. Mitchell	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 9/17/2003

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

BASELINE:

a. The total amount allotted for payment of cost is revised as follows:

From: \$28,564,098.02 By: \$408,132.27 To: \$28,972,230.29

b. The total amount allotted for fee is revised as follows:

From: \$1,662,460.67 By: \$23,753.73 To: \$1,686,214.40

IDIQ:

a. The total amount allotted for payment of cost is revised as follows:

From: \$19,632,696.05 By: \$586,397.03 To: \$20,219,093.08

b. The total amount allotted for fee is revised as follows:

From: \$1,142,662.66 By: \$34,128.92 To: \$1,176,791.58

c. The total amount allotted for payment of cost and fee is as follows:

From: \$51,001,917.40 By: \$1,052,411.95 To: \$52,054,329.35

Total amount of funds obligated per this modification is \$1,052,411.95.

The period of performance covered by the allotted funding is 09/01/01 through approximately 11/14/2003.

3. ACCOUNTING AND APPROPRIATION DATA OBLIGATE:

Baseline:

<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Cost Cr</u>	<u>Amt</u>	<u>SOW/TO</u>
4200030810	51R-771-50-U067-01	SAT292003R	512000	\$35,000.00	3
4200030661	51R-771-50-U031-01	SAT292003R	512000	\$7,000.00	2
4200030661	51R-771-50-U031-01	SAT292003R	512000	\$188,625.00	3
4200030661	51R-771-50-U031-01	SAT292003R	512000	\$15,000.00	6
4200030661	51R-771-50-U031-01	SAT292003R	512000	\$15,000.00	7
4200030661	51R-771-50-U031-01	SAT292003R	512000	\$1,375.00	9
4200030661	51R-771-50-U031-01	SAT292003R	512000	\$91,886.00	10
4200030661	51R-771-50-U031-01	SAT292003R	512000	\$7,000.00	12
4200030661	51R-771-50-U031-01	SAT292003R	512000	\$11,000.00	14
4200030661	51R-771-50-U031-01	SAT292003R	512000	\$60,000.00	15

IDIQ:

<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Cost Cr</u>	<u>Amt</u>	<u>SOW/TO</u>
4200030170	51-38-9760-02	MS382001D	512200	\$40,000.00	02-14-2002
4200030170	51-38-9760-02	MS382001D	512200	\$41,703.00	02-39-2003
4200030882	51-773-10-00	SAT292003D	512010	\$2,000.00	14-03-2003
4200030882	51-773-10-00	SAT292003D	512010	\$8,000.00	14-02-2004
4200030882	51-622-47-11	SAT292003D	519710	\$20,727.00	04-157-2003
4200030882	51-773-10-00	SAT292003D	512310	\$500.00	10-02-2004
4200030882	51-353-87-01-01	SAT292003D	518200	\$13,500.00	04-58-2003
4200030882	51-353-87-01-01	SAT292003D	518200	\$3,180.95	04-20-2003
4200030882	51-353-87-01-01	SAT292003D	518200	\$5,000.00	04-36-2003
4200027733	MPS	SAT292003R	519970000	\$500.00	02-10-2003
4200027733	MPS	SAT292003R	519970000	\$27,000.00	02-12-2003
4200027733	MPS	SAT292003R	519970000	\$7,500.00	02-14-2003
4200027733	MPS	SAT292003R	519970000	\$2,300.00	02-17-2003
4200027733	MPS	SAT292003R	519970000	\$5,400.00	02-19-2003
4200027733	MPS	SAT292003R	519970000	\$20,000.00	04-63-2003
4200030462	MPS	SAT292003R	519970000	\$190,843.00	02-83-2003
4200030462	MPS	SAT292003R	519970000	\$20,000.00	02-81-2003
4200030462	MPS	SAT292003R	519970000	\$24,485.00	04-167-2003
4200030810	51R-771-50-3437-30	SAT292003R	512000	\$22,500.00	03-01-2003
4200030810	51R-771-50-3441-30	SAT292003R	512000	\$10,000.00	05-09-2003
4200030277	MPS	SAT292003R	519970000	\$35,000.00	04-63-2003
4200030277	MPS	SAT292003R	519970000	\$5,748.00	04-30-2002
4200030277	MPS	SAT292003R	519970000	\$7,900.00	02-34-2003
4200030277	MPS	SAT292003R	519970000	\$20,000.00	02-01-2004
4200030661	51R-771-50-U031-01	SAT292003R	512000	\$4,900.00	02-02-2003
4200030661	51R-771-50-U031-01	SAT292003R	512000	\$17,000.00	04-03-2003

IDIQ:

<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Cost Cr</u>	<u>Amt</u>	<u>SOW/TO</u>
4200030661	51R-771-50-U031-01	SAT292003R	512000	\$1,500.00	04-28-2003
4200030661	51R-771-50-U031-01	SAT292003R	512000	\$3,000.00	04-108-2003
4200030661	51R-771-50-U031-01	SAT292003R	512000	\$3,900.00	04-152-2003
4200030661	51R-771-50-U031-01	SAT292003R	512000	\$20,000.00	14-02-2003
4200030661	51R-771-50-U031-01	SAT292003R	512000	\$5,139.00	14-12-2003
4200030661	51R-771-50-U031-01	SAT292003R	512000	\$31,300.00	15-02-2003

4. No other changes to the subject contract are made by issuance of this modification .

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE(S) 1 of 2
2. AMENDMENT/MODIFICATION NO. 75	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)		
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337		7. ADMINISTERED BY (If other than item 6)			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164		()	9A. AMENDMENT OF SOLICITATION NO.		
			9b. DATED (SEE ITEM 11)		
		X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080		
CODE:	FACILITY CODE:		10B. DATED (SEE ITEM 13): 07-26-01		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GFG
TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$52,054,329.35

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF FAR 52.243-2 Changes – Cost Reimbursable
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [] is not, [X] is required to sign this document and return 3 copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

- The purpose of this modification is to add clarification information regarding system administrator requirements to mitigate circumstances arising in an increasingly hostile cyber environment. This requirement is initiated in NASA Procurement Information Circular, 03-16, dated June 23, 2003.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print) Jay R Huston Proc Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR <i>Jay R Huston</i> (Signature of person authorized to sign)	15C. DATE SIGNED 29 Sept 03	16B. UNITED STATES OF AMERICA BY <i>Pamela Taylor</i> (Signature of Contracting Officer)	16C. DATE SIGNED 30 Sept 2003

Block 14 DESCRIPTION (Continued)

- a. Add the following clarification to Section I of the subject contract:

1.24, SYSTEM ADMINISTRATOR SECURITY CERTIFICATION PROGRAM

In addition to any other requirements of this contract, all individuals who perform tasks as a system administrator or have authority to perform tasks normally performed by system administrator shall be required to demonstrate knowledge appropriate to those tasks. This demonstration, referred to as the NASA System Administrator Security Certification, is a NASA funded two-tier assessment to verify that system administrators are able to—

1. Demonstrate knowledge in system administration for the operating systems for which they have responsibility.
2. Demonstrate knowledge in the understanding and application of Network and Internet Security.

Certification is granted upon achieving a score above the certification level on both an Operating System test and the Network and Internet Security Test. The Certification earned under this process will be valid for three years. The criteria for this skills assessment has been established by the NASA Chief Information Officer. The objectives and procedures for this certification can be obtained by contracting the IT Security Awareness and Training Center at (216)433-2063.

A system administrator is one who provides it services, network services, files storage, web services, etc. To someone else other than themselves and takes or assumes the responsibility for the security and administrative controls of that service or machine. A lead system administrator has responsibility for information technology security (ITS) for multiple computers or network devices represented within a system; ensuring all devices assigned to them are kept in a secure configuration (patched/mitigated); and ensuring that all other system administrators under their lead understand and perform ITS duties. An individual that has full access or arbitrate rights on a system or machine that is only servicing themselves does not constitute a "system administrator" since they are only providing or accepting responsibility for their system. An individual that is only servicing themselves is not required to obtain a System Administrator Certification.

2. This change does not increase or decrease the target cost or target fee of the contract.
3. No other changes to the subject contract are made by issuance of this modification.
4. The Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to the "proposals for adjustment."

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE(S) 1 of 3
2. AMENDMENT/MODIFICATION NO. 76		3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)	
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337			7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164			()	9A. AMENDMENT OF SOLICITATION NO.	
				9b. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080	
CODE:		FACILITY CODE:		10B. DATED (SEE ITEM 13): 07-26-01	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 9 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GBX
TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$52,374,191.85

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral 52.232-22 Limitation of Funds (APR 1984)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

- The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i> Pamela J. Taylor </i> (Signature of Contracting Officer)	16C. DATE SIGNED <i> 25 Sep 2003 </i>

(Signature of person authorized to sign)

7540-01-152-8070

STANDARD FORM 30 (REV. 10-83)

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

BASELINE:

a. The total amount allotted for payment of cost is revised as follows:

From: \$28,972,230.29 By: \$157,353.13 To: \$29,129,583.42

b. The total amount allotted for fee is revised as follows:

From: \$1,686,214.40 By: \$9,158.12 To: \$1,695,372.52

IDIQ:

a. The total amount allotted for payment of cost is revised as follows:

From: \$20,219,093.08 By: \$144,916.93 To: \$20,364,010.01

b. The total amount allotted for fee is revised as follows:

From: \$1,176,791.58 By: \$8,434.32 To: \$1,185,225.90

c. The total amount allotted for payment of cost and fee is as follows:

From: \$52,054,329.35 By: \$319,862.50 To: \$52,374,191.85

Total amount of funds obligated per this modification is \$319,862.50.

The period of performance covered by the allotted funding is 09/01/01 through approximately 11/18/2003.

3. ACCOUNTING AND APPROPRIATION DATA
OBLIGATE:

Baseline:

<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Cost Cr</u>	<u>Amt</u>	<u>SOW/TO</u>
4200032673	51R-771-50-U075-01	SAT292003R	512000	\$51,965.00	3
4200032673	51R-771-50-U075-01	SAT292003R	512000	\$500.00	6
4200032673	51R-771-50-U075-01	SAT292003R	512000	\$5,000.00	7
4200032673	51R-771-50-U075-01	SAT292003R	512000	\$3,000.00	12
4200032673	51R-771-50-U075-01	SAT292003R	512000	\$22,000.00	15
4200033757	51R-622-91-U035-01	SAT292003R	518400	\$69,248.00	15
4200033757	51R-344-96-U062-01	SAT292003R	518000	\$14,798.25	15

IDIQ:

<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Cost Cr</u>	<u>Amt</u>	<u>SOW/TO</u>
4200032673	51R-771-50-U084-01	SAT292003R	512000	\$10,000.00	10-08-2003
4200032673	51R-771-50-5180-30	SAT292003R	512000	\$20,000.00	10-08-2003
4200032673	51R-771-50-U075-01	SAT292003R	512000	\$31,124.00	04-158-2003
4200032673	51R-771-50-U075-01	SAT292003R	512000	\$2,400.00	05-01-2003
4200032673	51R-771-50-U075-01	SAT292003R	512000	\$4,130.00	14-02-2003
4200032673	51R-771-50-U075-01	SAT292003R	512000	\$15,500.00	15-02-2003
4200032673	51R-622-91-U035-01	SAT292003R	518400	\$45,572.25	11-15-2003
4200033031	MPS	SAT292003D	519970000	\$1,000.00	15-22-2003
4200020803	51R-622-91-U090-01	SAT292003R	518300	\$800.00	01-000-2004
4200033891	51-773-10-00	SAT292003D	512051	\$825.00	08-06-2004
4200033891	51-762-10-20	SAT292003D	518400	\$800.00	11-12-2003
4200033891	51-762-10-20	SAT292003D	518400	\$1,200.00	11-13-2003
4200033891	5110-771-10-06	SAT292002D	511140	\$3,000.00	15-04-2003
4200033891	5110-771-10-06	SAT292002D	511140	\$17,000.00	15-03-2003

4. No other changes to the subject contract are made by issuance of this modification.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE(S) 1 of 3
AMENDMENT/MODIFICATION NO. 77	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)		
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337		7. ADMINISTERED BY (If other than Item 6)			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164		()	9A. AMENDMENT OF SOLICITATION NO.		
			9b. DATED (SEE ITEM 11)		
		X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080		
CODE:	FACILITY CODE:		10B. DATED (SEE ITEM 13): 07-26-01		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GBX
TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$52,414,228.98

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral 52.232-22 Limitation of Funds (APR 1984)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

- The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Pamela J. Taylor</i> (Signature of Contracting Officer)	16C. DATE SIGNED <i>30 Sep 2003</i>
nature of person authorized to sign)			

7540-01-152-8070

STANDARD FORM 30 (REV. 10-83)

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

BASELINE:

a. The total amount allotted for payment of cost is revised as follows:

From: \$29,129,583.42 By: \$5,670.00 To: \$29,135,253.42

b. The total amount allotted for fee is revised as follows:

From: \$1,695,372.52 By: \$330.00 To: \$1,695,702.52

IDIQ:

a. The total amount allotted for payment of cost is revised as follows:

From: \$20,364,010.01 By: \$32,164.71 To: \$20,396,174.72

b. The total amount allotted for fee is revised as follows:

From: \$1,185,225.90 By: \$1,872.42 To: \$1,187,098.32

c. The total amount allotted for payment of cost and fee is as follows:

From: \$52,374,191.85 By: \$40,037.13 To: \$52,414,228.98

Total amount of funds obligated per this modification is \$40,037.13.

The period of performance covered by the allotted funding is 09/01/01 through approximately 11/18/2003.

3. ACCOUNTING AND APPROPRIATION DATA
OBLIGATE:

Baseline:

<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	Internal <u>Order</u>	<u>Amt</u>	<u>SOW/TO</u>
4200034522	51R-771-50-U075-01	SAT292003R	FC100801	\$6,000.00	3

IDIQ:

<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	Internal <u>Order</u>	<u>Amt</u>	<u>SOW/TO</u>
4200035034	51R-771-50-U025-01	SAT292003R	FC200801	\$19,501.00	10-05-2003
4200034526	51-762-10-20	SAT292003D	FC301100	\$1,500.00	11-13-2003
4200034526	51-879-85-85	SAT292003D	FC200801	\$5,000.00	04-38-2003
4200034522	51R-622-91-5211-30	SAT292003R	FC200801	\$2,096.07	04-156-2003
4200033021	51R-622-91-5211-30	SAT292003R	FC200801	\$1,330.96	15-27-2003
4200033021	51R-622-91-5211-30	SAT292003R	FC200801	\$4,609.10	04-156-2003

4. No other changes to the subject contract are made by issuance of this modification .

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE(S) 1 of 3
2. AMENDMENT/MODIFICATION NO. 78	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)	
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337		7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164		()	9A. AMENDMENT OF SOLICITATION NO.	
			9b. DATED (SEE ITEM 11)	
		X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080	
CODE:	FACILITY CODE:		10B. DATED (SEE ITEM 13): 07-26-01	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GBX

TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$52,414,228.98

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral 52.222-41 Service Contract Act

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

- The purpose of this modification is to replace attachment J-5, Wage Determination.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Pamela J. Taylor	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 10/7/2003

Block 14 DESCRIPTION (Continued)

2. Replace Attachment J-5, Wage Determination, in its entirety and replace with Wage Determination Numbers 1998-0171 Revision 3 dated May 16, 2003 and 1994-2095 Revision 20 dated May 30, 2003.
3. No other changes to the subject contract are made by issuance of this modification.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE(S) 1 of 3
2. AMENDMENT/MODIFICATION NO. 79	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)		
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337			7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164			()	9A. AMENDMENT OF SOLICITATION NO.	
				9b. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080	
				10B. DATED (SEE ITEM 13): 07-26-01	
CODE:		FACILITY CODE:			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GBX

TOTAL ESTIMATED COST: \$114,485,721.00 TOTAL CONTRACT FUNDING: \$53,594,277.98

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral 52.232-22 Limitation of Funds (APR 1984)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

- The purpose of this modification is to provide incremental funding for the subject contract and award of the 5th contract year beginning September 1, 2005 through August 31, 2006.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ Pamela J. Taylor (Signature of Contracting Officer)	16C. DATE SIGNED 11/12/2003

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

BASELINE:

a. The total amount allotted for payment of cost is revised as follows:

From: \$29,135,253.42 By: \$743,998.50 To: \$29,879,251.92

b. The total amount allotted for fee is revised as follows:

From: \$1,695,702.52 By: \$43,301.50 To: \$1,739,004.02

IDIQ:

a. The total amount allotted for payment of cost is revised as follows:

From: \$20,396,174.72 By: \$371,100.55 To: \$20,767,275.27

b. The total amount allotted for fee is revised as follows:

From: \$1,187,098.32 By: \$21,598.45 To: \$1,208,696.77

c. The total amount allotted for payment of cost and fee is as follows:

From: \$52,414,228.98 By: \$1,179,999.00 To: \$53,594,227.98

Total amount of funds obligated per this modification is \$1,179,999.00.

The period of performance covered by the allotted funding is 09/01/01 through approximately 12/8/2003.

3. ACCOUNTING AND APPROPRIATION DATA**OBLIGATE:**

Baseline:			Internal		
<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Order</u>	<u>Amt</u>	<u>SOW/TO</u>
4200037170		SAEX22004D	FC100802	\$52,000.00	15
4200036324		SAEX22004D	FC200801	\$335,000.00	3
4200036782		SAEX22004D	FC200903	\$122,300.00	11
4200036277		SAEX22004D	FC200701	\$60,000.00	6
4200036268		SAEX22004D	FC200321	\$55,000.00	2
4200037228		SAEX22004D	FC301201	\$15,000.00	7
4200037228		SAEX22004D	FC301203	\$32,000.00	8
4200037228		SAEX22004D	FC100609	\$26,000.00	9
4200037228		SAEX22004D	FC200902	\$90,000.00	10

IDIQ:			Internal		
<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Order</u>	<u>Amt</u>	<u>SOW/TO</u>
4200036785	51-606-12-02	SAEX22004D	FC200903	\$4,600.00	15-13-2004
4200036324		SAEX22004D	FC200401	\$50,000.00	04-08-2004
4200036324		SAEX22004D	FC200401	\$84,000.00	04-25-2004
4200036324		SAEX22004D	FC200401	\$100,000.00	04-26-2004
4200036488	51R-622-91-U135-01	SAT292003R	FC100809	\$1,000.00	04-35-2004
4200036282		SAEX22004D	FC200501	\$25,000.00	04-07-2004
4200036282		SAEX22004D	FC200501	\$45,000.00	04-09-2004
4200036277		SAEX22004D	FC200402	\$45,000.00	05-10-2004
4200035038	51-45-7951-01	SAT452002D	FC200801	\$16,749.00	08-08-2004
4200037012	51-621-15-70	SAT292003D	FC200501	\$41,350.00	04-144-2003
4200037930	51-353-87-01-01	SAT292003D	FC400000	\$20,000.00	04-01-2004

DEOBLIGATE:

228-01763D	51-40-9260-04	SAT402003D		\$40,000.00	02-69-2003
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4. In accordance with Clause G.7 Award Term/Fee, The Cube Corporation is hereby notified of the award of one additional term for Contract Year 5, from September 1, 2005 through August 31, 2006. In accordance with Clause B.7, Award Term, Target Cost and Fee are specified for Contract Year 5 as Award Term 1, Target Cost of \$14,604,418.00 and target fee of \$803,243.00.

5. No other changes to the subject contract are made by issuance of this modification.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE(S) 1 of 3
2. AMENDMENT/MODIFICATION NO. 80	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)	
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337		7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164		()	9A. AMENDMENT OF SOLICITATION NO.	
			9b. DATED (SEE ITEM 11)	
		X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080	
CODE:	FACILITY CODE:		10B. DATED (SEE ITEM 13): 07-26-01	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

() The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers () is extended, () is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GBX

TOTAL ESTIMATED COST: \$114,485,721.00 TOTAL CONTRACT FUNDING: \$53,594,277.98

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral 52.232-22 Limitation of Funds (APR 1984)

E. IMPORTANT: Contractor (X) is not, () is required to sign this document and return _____ copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

- The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Pamela J. Taylor	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ Original Signed by (Signature of Contracting Officer)	16C. DATE SIGNED 11/20/2003

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

BASELINE:

a. The total amount allotted for payment of cost is revised as follows:

From: \$29,879,251.92 By: \$580,702.50 To: \$30,459,954.42

b. The total amount allotted for fee is revised as follows:

From: \$1,739,004.02 By: \$33,797.50 To: \$1,772,801.52

IDIQ:

a. The total amount allotted for payment of cost is revised as follows:

From: \$20,767,275.27 By: \$100,954.72 To: \$20,868,229.99

b. The total amount allotted for fee is revised as follows:

From: \$1,208,696.77 By: \$5,875.65 To: \$1,214,572.42

c. The total amount allotted for payment of cost and fee is as follows:

From: \$53,594,227.98 By: \$721,330.37 To: \$54,315,558.35

Total amount of funds obligated per this modification is \$721,330.37.

The period of performance covered by the allotted funding is 09/01/01 through approximately 12/18/2003.

3. ACCOUNTING AND APPROPRIATION DATA
OBLIGATE:

<u>Baseline:</u>			Internal		
<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Order</u>	<u>Amt</u>	<u>SOW/TO</u>
4200039159		SAEX22004D	FC200801	\$335,000.00	3
4200039159		SAEX22004D	FC200701	\$47,500.00	6
4200038782		SAEX22004D	FC100301	\$18,000.00	12
4200038782		SAEX22004D	FC100709	\$14,000.00	14
4200038688		SAEX22004D	FC200321	\$55,000.00	2
4200039115		SAEX22004D	FC200903	\$145,000.00	11

<u>IDIQ:</u>			Internal		
<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Order</u>	<u>Amt</u>	<u>SOW/TO</u>
4200039203	51-879-85-53	SAT292003D	FC400000	\$15,994.00	08-12-2004
4200038506	51-188-06-40	SAT292003D	FC200801	\$5,000.00	04-11-2004
4200038228	51-45-7951-02	SAT452003D	FC301203	\$43,336.37	08-13-2004
4200039159		SAEX22004D	FC200401	\$10,000.00	05-15-2004
4200039159		SAEX22004D	FC200401	\$32,500.00	05-10-2004
4200038854		SAEX22004D	FC200902	\$50,000.00	10-03-2004

4. No other changes to the subject contract are made by issuance of this modification .

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE(S) 1 of 4
2. AMENDMENT/MODIFICATION NO. 81		3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)	
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337			7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164			()	9A. AMENDMENT OF SOLICITATION NO.	
				9b. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080	
				10B. DATED (SEE ITEM 13): 07-26-01	
CODE:		FACILITY CODE:			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GBX
ITAL ESTIMATED COST: \$114,485,721.00 TOTAL CONTRACT FUNDING: \$55,357,671.25

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) <u>Unilateral</u> 52.232-22 Limitation of Funds (APR 1984)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

- The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James R. Dolan	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ Original Signed By (Signature of Contracting Officer)	16C. DATE SIGNED

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

BASELINE:

a. The total amount allotted for payment of cost is revised as follows:

From: \$30,459,954.42 By: \$704,510.73 To: \$31,164,465.15

b. The total amount allotted for fee is revised as follows:

From: \$1,772,801.52 By: \$41,003.27 To: \$1,813,804.79

IDIQ:

a. The total amount allotted for payment of cost is revised as follows:

From: \$20,868,229.99 By: \$280,285.96 To: \$21,148,515.95

b. The total amount allotted for fee is revised as follows:

From: \$1,214,572.42 By: \$16,312.94 To: \$1,230,885.36

The total amount allotted for payment of cost and fee is as follows:

From: \$54,315,558.35 By: \$1,042,112.90 To: \$55,357,671.25

Total amount of funds obligated per this modification is \$1,042,112.90.

The period of performance covered by the allotted funding is 09/01/01 through approximately 12/29/2003.

3. ACCOUNTING AND APPROPRIATION DATA**OBLIGATE:****Baseline:**

<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Internal Order</u>	<u>Amt</u>	<u>SOW/TO</u>
4200040744		SAEX22004D	FC100709	\$12,575.00	14
4200040367	51R-622-96-5606-01	SAEX22004R	FC100310	\$7,406.00	12
4200040367	51R-622-96-5564-01	SAEX22004R	FC100310	\$6,535.00	12
4200040367	51R-622-96-5606-01	SAEX22004R	FC100108	\$29,078.00	14
4200040367	51R-622-96-5564-01	SAEX22004R	FC100108	\$15,028.00	14
4200040367	51R-622-96-5606-01	SAEX22004R	FC100802	\$61,948.00	15
4200040367	51R-622-96-5564-01	SAEX22004R	FC100802	\$36,489.00	15
4200040367	51R-622-96-5606-01	SAEX22004R	FC100101	\$19,607.00	16
4200040367	51R-622-96-5564-01	SAEX22004R	FC100101	\$14,672.00	16
4200040195	51R-622-96-5606-01	SAEX22004R	FC200401	\$125,057.00	3
4200040195	51R-622-96-5564-01	SAEX22004R	FC200401	\$46,379.00	3
4200041149	51R-622-96-5607-01	SAEX22004R	FC100601	\$3,250.00	9
4200039924		SAEX22004D	FC301201	\$25,000.00	7
4200039924		SAEX22004D	FC301203	\$65,000.00	8
4200039924		SAEX22004D	FC100609	\$32,000.00	9
200039924		SAEX22004D	FC200902	\$90,000.00	10
200040231	51R-622-96-5564-01	SAEX22004R	FC200902	\$104,675.00	10
4200040368	51R-622-96-5606-01	SAEX22004R	FC200301	\$370.00	2
4200040368	51R-622-96-5564-01	SAEX22004R	FC200301	\$1,201.00	2
4200040191	51R-622-96-5606-01	SAEX22004R	FC200701	\$38,589.00	6
4200040191	51R-622-96-5564-01	SAEX22004R	FC200701	\$10,655.00	6

IDIQ:

<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Internal Order</u>	<u>Amt</u>	<u>SOW/TO</u>
4200040367	51R-622-96-5606-01	SAEX22004R	FC100109	\$14,212.00	14-03-2004
4200040367	51R-622-96-5564-01	SAEX22004R	FC100109	\$6,843.00	14-03-2004
4200040367	51R-622-96-5606-01	SAEX22004R	FC100709	\$5,561.00	14-05-2004
4200040367	51R-622-96-5564-01	SAEX22004R	FC100709	\$3,707.00	14-05-2004
4200040367	51R-622-96-5606-01	SAEX22004R	FC100802	\$5,000.00	15-01-2004
4200040367	51R-622-96-5564-01	SAEX22004R	FC100802	\$2,653.00	15-01-2004
4200040367	51R-622-96-5606-01	SAEX22004R	FC100802	\$40,000.00	15-02-2004
4200040367	51R-622-96-5564-01	SAEX22004R	FC100802	\$9,000.00	15-02-2004
4200040367	51R-622-96-5606-01	SAEX22004R	FC100802	\$15,000.00	15-04-2004
4200040367	51R-622-96-5564-01	SAEX22004R	FC100802	\$3,000.00	15-04-2004
4200040367	51R-622-96-5606-01	SAEX22004R	FC100802	\$750.00	15-05-2004
4200040367	51R-622-96-5564-01	SAEX22004R	FC100802	\$250.00	15-10-2004
4200040367	51R-622-96-5606-01	SAEX22004R	FC100802	\$1,670.00	15-14-2004
200040195	51R-622-96-5606-01	SAEX22004R	FC200401	\$30,000.00	04-03-2004
200040195	51R-622-96-5564-01	SAEX22004R	FC200401	\$1,759.00	04-04-2004
4200040195	51R-622-96-5564-01	SAEX22004R	FC200401	\$23,402.00	04-27-2004
4200040195	51R-622-96-5564-01	SAEX22004R	FC200401	\$14,767.00	04-28-2004

IDIQ:

<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	Internal <u>Order</u>	<u>Amt</u>	<u>SOW/TO</u>
4200041149	51R-622-96-5607-01	SAEX22004R	FC100101	\$1,000.00	01-00-2004
4200041149	51R-622-96-5607-01	SAEX22004R	FC200402	\$17,000.00	05-01-2004
4200041149	51R-622-96-5607-01	SAEX22004R	FC200402	\$1,600.00	05-18-2004
4200040231	51R-622-96-5605-01	SAEX22004R	FC200902	\$21,379.00	10-08-2003
4200040231	51R-622-96-5605-01	SAEX22004R	FC200902	\$143,621.00	10-05-2004
4200040368	51R-622-96-5606-01	SAEX22004R	FC200301	\$16,786.00	02-02-2004
4200040368	51R-622-96-5564-01	SAEX22004R	FC200301	\$4,197.00	02-02-2004
4200040368	51R-622-96-5606-01	SAEX22004R	FC200301	\$18,179.00	02-03-2004
4200040368	51R-622-96-5564-01	SAEX22004R	FC200301	\$4,545.00	02-03-2004
4200040370	51R-622-96-5606-01	SAEX22004R	FC200701	\$1,405.00	06-04-2004
4200039725	51-762-10-20	SAT292003D	FC100809	\$536.90	11-13A-2003
4200039348		SAEX22004D	FC100801	\$25,000.00	14-02-2004
4200038263		SAEX22004D	FC200801	\$22,526.00	14-01-2004
4200040191	51R-622-96-5606-01	SAEX22004R	FC200402	\$25,000.00	05-07-2004
4200040191	51R-622-96-5564-01	SAEX22004R	FC200402	\$250.00	05-08-2004

DEOBLIGATE:

<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	Internal <u>Order</u>	<u>Amt</u>	<u>SOW/TO</u>
		SAEX22004D	FC200401	(\$84,000.00)	04-25-2004
		SAEX22004D	FC200401	(\$100,000.00)	04-26-2004

4. Correction to Modification 80 Block 12 to read \$54,315,558.35 as stated on page 2 of modification 80.
5. No other changes to the subject contract are made by issuance of this modification.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE(S) 1 of 3
2. AMENDMENT/MODIFICATION NO. 82	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)		
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337			7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164			()	9A. AMENDMENT OF SOLICITATION NO.	
				9b. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080	
			10B. DATED (SEE ITEM 13): 07-26-01		
CODE:	FACILITY CODE:				

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GBX

TOTAL ESTIMATED COST: \$114,485,721.00 TOTAL CONTRACT FUNDING: \$56,428,871.25

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral 52.232-22 Limitation of Funds (APR 1984)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

- The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Pamela J. Taylor	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ Original Signed By (Signature of Contracting Officer)	16C. DATE SIGNED 12/17/2003

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

BASELINE:

a. The total amount allotted for payment of cost is revised as follows:

From: \$31,164,465.15 By: \$875,259.00 To: \$32,039,724.15

b. The total amount allotted for fee is revised as follows:

From: \$1,813,804.79 By: \$50,941.00 To: \$1,864,745.79

IDIQ:

a. The total amount allotted for payment of cost is revised as follows:

From: \$21,148,515.95 By: \$137,025.00 To: \$21,285,540.95

b. The total amount allotted for fee is revised as follows:

From: \$1,230,885.36 By: \$7,975.00 To: \$1,238,860.36

The total amount allotted for payment of cost and fee is as follows:

From: \$55,357,671.25 By: \$1,071,200.00 To: \$56,428,871.25

Total amount of funds obligated per this modification is \$1,071,200.00.

The period of performance covered by the allotted funding is 09/01/01 through approximately 5/12/2004.

3. ACCOUNTING AND APPROPRIATION DATA
OBLIGATE:

Baseline:			Internal		
<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Order</u>	<u>Amt</u>	<u>SOW/TO</u>
4200042060		SAEX22004D	FC301201	\$30,000.00	7
4200042060		SAEX22004D	FC301203	\$100,000.00	8
4200042060		SAEX22004D	FC100609	\$70,000.00	9
4200042060		SAEX22004D	FC200902	\$200,000.00	10
4200041715		SFCX22004D	FC100802	\$198,200.00	15
4200042224		SAEX22004D	FC200903	\$328,000.00	11

IDIQ:			Internal		
<u>PR Number</u>	<u>WBS</u>	<u>Fund</u>	<u>Order</u>	<u>Amt</u>	<u>SOW/TO</u>
4200042506	51R-622-96-5605-01	SAEX22004R	FC200401	\$6,000.00	04-84-2003
4200042506	51R-622-96-5605-01	SAEX22004R	FC200401	\$26,000.00	04-36-2004
4200042506	51R-622-96-5605-01	SAEX22004R	FC200401	\$5,500.00	04-44-2004
4200042506	51R-622-96-5605-01	SAEX22004R	FC200401	\$4,500.00	04-49-2004
4200042504	51R-622-96-5605-01	SAEX22004R	FC200402	\$3,000.00	05-14-2004
4200042060		SAEX22004D	FC200902	\$100,000.00	10-03-2004

4. No other changes to the subject contract are made by issuance of this modification.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE(S) 1 of 3
2. AMENDMENT/MODIFICATION NO. 83	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)		
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337		7. ADMINISTERED BY (If other than Item 6)			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164		()	9A. AMENDMENT OF SOLICITATION NO.		
			9b. DATED (SEE ITEM 11)		
		X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080		
CODE:	FACILITY CODE:		10B. DATED (SEE ITEM 13): 07-26-01		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GBX

TOTAL ESTIMATED COST: \$114,485,721.00 TOTAL CONTRACT FUNDING: \$57,813,441.50

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral 52.232-22 Limitation of Funds (APR 1984)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

I. The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Pamela J. Taylor	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Original Signed By (Signature of Contracting Officer)	16C. DATE SIGNED 1/20/2004

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

BASELINE:

a. The total amount allotted for payment of cost is revised as follows:

From: \$32,039,724.15 By: \$850,522.44 To: \$32,890,246.59

b. The total amount allotted for fee is revised as follows:

From: \$1,864,745.79 By: \$49,501.31 To: \$1,914,247.10

IDIQ:

a. The total amount allotted for payment of cost is revised as follows:

From: \$21,285,540.95 By: \$457,896.44 To: \$21,743,437.39

b. The total amount allotted for fee is revised as follows:

From: \$1,238,860.36 By: \$26,650.06 To: \$1,265,510.42

The total amount allotted for payment of cost and fee is as follows:

From: \$56,428,871.25 By: \$1,384,570.25 To: \$57,813,441.50

Total amount of funds obligated per this modification is \$1,385,370.25

Total amount of funds deobligated per this modification is \$(800.00)

TOTAL CHANGE IN CONTRACT FUNDING: \$1,384,570.25

The period of performance covered by the allotted funding is 09/01/01 through approximately 5/18/2004.

3. ACCOUNTING AND APPROPRIATION DATA

OBLIGATE:

Baseline:

<u>PR Number</u>	<u>Amt</u>	<u>SOW/TO</u>
4200046416	\$310,000.00	3
4200046416	\$48,000.00	6
4200044621	\$129,300.00	15
4200044700	\$200,000.00	3
4200046543	\$35,000.00	2
4200046543	\$32,000.00	1
4200043511	\$12,500.00	3
4200044291	\$50,000.00	2
4200044291	\$50,000.00	6
4200046544	\$19,000.00	1
4200043514	\$14,223.75	6

IDIQ:

<u>PR Number</u>	<u>Amt</u>	<u>SOW/TO</u>
4200046416	\$10,000.00	05-15-2004
4200043512	\$8,750.00	05-20-2004
4200045167	\$22,526.00	14-01-2004
4200043060	\$188,000.00	10-01-2004
4200044700	\$10,000.00	05-10-2004
4200044700	\$39,500.00	05-10-2004
4200043650	\$364.05	15-27-2003
4200045940	\$2,800.00	04-01-2004
4200043511	\$25,000.00	04-32-2004
4200044698	\$1,038.00	02-19-2003
4200044698	\$13,011.45	02-83-2003
4200044698	\$20,000.00	04-41-2004
4200041908	\$14,863.00	02-05-2004
4200041942	\$30,941.00	02-08-2003
4200041942	\$23,767.00	02-60-2003
4200041942	\$25,367.00	02-61-2003
4200041942	\$13,278.00	02-72-2003
4200041942	\$36,141.00	02-16-2003

DEOBLIGATION:

<u>WBS</u>	<u>AMT</u>	<u>SOW/TO</u>	<u>PLI</u>	<u>ALI</u>
51R-622-91-U090-01	\$800.00	01-00-2004	74	1

4. No other changes to the subject contract are made by issuance of this modification.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE(S) 1 of 2
2. AMENDMENT/MODIFICATION NO. 84	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)	
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337		7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164		()	9A. AMENDMENT OF SOLICITATION NO.	
			9b. DATED (SEE ITEM 11)	
		X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080	
			10B. DATED (SEE ITEM 13): 07-26-01	
CODE:	FACILITY CODE:			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GFG
TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$56,428,871.25

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

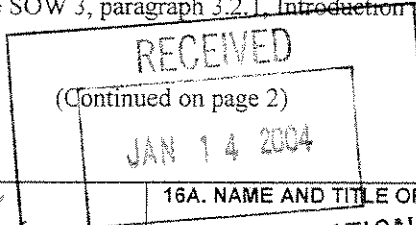
()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF FAR 52.243-2 Changes – Cost Reimbursable
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [] is not, [X] is required to sign this document and return 3 copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

1. The purpose of this modification is to revise SOW 3, paragraph 3.2.1, Introduction and Requirement.



15A. NAME AND TITLE OF SIGNER (Type or print) <i>James L. Ottaway, Captain USAF</i>	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <i>Pamela Taylor</i>
15B. CONTRACTOR/OFFEROR <i>THE CUBE CORPORATION</i>	16B. UNITED STATES OF AMERICA
15C. DATE SIGNED <i>1/30/04</i>	16C. DATE SIGNED <i>3 Feb 2004</i>
(Signature of person authorized to sign)	(Signature of Contracting Officer)

Block 14 DESCRIPTION (Continued)

1. This modification is issued to clarify SOW 3.2.1, General Requirements by adding a requirement for an Annual Work Plan (AWP) and the associated contract deliverable.
2. Replacement pages are attached.
3. This change does not increase or decrease the target cost or target fee of the contract.
4. No other changes to the subject contract are made by issuance of this modification.
5. The Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to the "proposals for adjustment."

3.0 FACILITIES OPERATIONS AND MAINTENANCE

3.1 General Information

The Contractor shall provide broad and comprehensive support in facilities operation and maintenance basic requirements.

Open flame work will not be permitted unless the Contractor obtains prior clearances from the Emergency Services Section or the Fire Prevention Inspector.

All work shall be accomplished at the Wallops Flight Facility, Wallops Island, VA, inclusive of the Main Base, Island, and Tenant facilities located on or adjacent to these locations. The Island includes the Mainland connected by the Causeway. Temporary assignments at remotely located worldwide sites may also be required.

The Contractor shall supply all parts, components, and materials/supplies in the execution of the requirements of this section of the SOW. The items supplied shall be new or factory reconditioned parts and components. All replacement units, parts, components and materials/supplies used in the performance of the requirements shall be compatible with that existing equipment on which it is to be used; shall be of equal or better quality than original equipment specifications; and shall comply with the applicable contract specifications. All mechanical parts procured for use at WFF shall adhere to NASA Management Instruction 5320.7, *Basic Policy for Mechanical Parts Control*, which establishes the policy for controlling the selection, testing, and tractability of mechanical parts. As a minimum, the following part types are considered under the provisions of this instruction: bearings, washers, rivets, rings, spacers, studs, pins, valves, springs, and threaded fastening devices. Parts and components, once installed in the Government facility, become Government property. Items not listed in the technical specifications shall be of acceptable industrial grade and quality. If the original manufacturer has updated the quality of parts for current production, parts supplied under this contract shall equal or exceed the updated quality. The Contractor shall retain the parts replaced for at least 10 working days after completion of the job and make these parts readily available for inspection by the Contracting Officer upon request. The Contractor shall obtain and maintain manufacturer's operating instructions and maintenance manuals on all new equipment installed by the Contractor. These documents shall become property of the Government and shall be turned into the Contracting Officer within five working days after completion or termination of the contract.

3.2 General Requirements

3.2.1 Operations, Maintenance & Repair

Introduction: This section of the contract includes but is not limited to the operation, maintenance, and repair of all facilities and equipment, including but not limited to air conditioning/refrigeration, ground water remediation, utility services, electrical distribution systems, central steam generating, water and wastewater plants, and all their connecting distribution systems; independent boilers and furnaces; all equipment and personnel elevators and lifting devices; and obstruction lights. All work shall be performed in accordance with the Annual Work Plan (AWP) and NPR 8831.2, NASA Facilities Maintenance Management Guide. The AWP will delineate the Baseline work and the additional work to be performed by IDIQ task in accordance with Clause B.2.

Within ten calendar days following award of this contract, the CO will provide the Contractor with a list of Facility Operations Managers (FOM).

Requirement: The Contractor shall furnish all labor, supervision, tools, materials, incidental engineering, transportation, and management necessary for the operations, maintenance, and repair of buildings and structures, related systems and equipment, and for the provision of other miscellaneous services issued under task orders. This requirement shall include, but not be limited to the following:

- (1) Perform PM and PT&I in accordance with existing requirements specified in the CMMS. Within 120 days of contract startup the Contractor shall propose any changes in the existing schedules to the CO for approval.
- (2) Implement all necessary work control procedures to receive, record, and ensure timely processing of work requirements, as well as to permit tracking of work in progress.
- (3) Plan, estimate, and schedule work to assure material, labor, and equipment are available to complete work requirements within the specified time limits and in conformance with the quality standards.
- (4) Assure all requests are logged daily and entered into the CMMS. Service Requests must be approved by the CO prior to implementation.
- (5) Schedule and arrange work so as to cause the least interference with normal occurrence of WFF business and mission, particularly, in areas critical to mission support activities. Only in cases involving the threat of personal injury or equipment failure, shall equipment in mission critical areas be shut down without prior approval of the CO. Whenever such emergencies occur, the CO shall be notified immediately. The Contractor shall notify the FOM of any work to be performed in a building under the manager's control that would tend to disrupt the conduct of normal Government business. The Contractor shall notify the FOM at least two working days in advance of such scheduled work. Notification shall include the location of the work, type of work to be done, and the estimated completion date. The Contractor shall reschedule any work that the CO deems necessary to avoid unacceptable disruptions in the Government's business.
- (6) Provide verbal status reports when requested by the CO. The status of any item of work must be provided within one hour of the inquiry during regular working hours, and within three hours after regular working hours.
- (7) Record in the CMMS database all work accomplished including a descriptive narrative and labor hours, material used and its cost, and completion date.
- (8) The Contractor's Quality Control (QC) Plan shall reflect and incorporate the quality processes and quality management practices submitted in the technical proposal. For Navy facilities establish, implement and maintain a proactive quality control program that includes the Navy inspection standard MO 322.
- (9) Regardless of the type of work, i.e., trouble call, service request, etc. the Contractor is responsible for sustaining feed back and direct contacts with all customers. To promote good customer relations, the Contractor shall strive to ensure that in each case there is a complete mutual understanding of each work order's description of work, cost estimate, scheduling and access

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requirements; and that the quality level desired - and that to be delivered - are the same. The Contractor shall keep customers advised of any interference problems or necessary changes in the work, preferably in advance, and shall notify the customer and FOM within 10 days when the work is completed. A joint Contractor/FOM walk-through final inspection of the work is highly desirable in customer visible areas. The Contractor shall work with FOM's in accordance with paragraph 3.2.1(5).

- (10) Maintain the WFF Facilities Condition Assessment Program. This program is in an electronic database and shall be maintained up-to-date at all times. The Contractor shall utilize PT&I and PM data; operator, user, and FOM inputs; Construction of Facilities (CoF) and Center Funded Rehab & Mod program data; and specific facility condition inspections in keeping the assessment program current.
- (11) The AWP shall be submitted to the Facilities Engineering Branch with a copy submitted to the Contracting Officer by July 31st of each year.

Standard: Work control center established and operating in accordance with requirements. Work completion recorded in accordance with requirements. PM and PT&I performed in accordance with existing schedule. All work documented and accomplished within time specified in requirements.

3.2.2 Computerized Maintenance Management System (CMMS) (Category 2)

Introduction: The existing WFF Computerized Maintenance Management System (CMMS) is manufactured by MAXIMO and consists of a set of computer software modules and equipment databases containing facility data with the capability to process the data for facilities maintenance management functions.

Requirement: The Contractor shall operate the GFE computer maintenance management system (CMMS) to provide work management/cost reports, manage the preventive maintenance program, record condition assessment data, accumulate necessary data and prepare Headquarters and WFF Metrics, enter and track trouble calls and other work such as repairs service request etc., and other on going reports. All maintenance data entered in the CMMS is Government property and must be turned over to the Contracting Officer within five calendar days after contract completion.

Standard: Project data entered in the CMMS per the requirement, and reports provided as requested. The Contractor shall comply with the NPG 8831.2, *NASA Facilities Maintenance Management Guide*.

3.3 Electric

3.3.1 High Voltage 12,470 – 7200 Volts

Introduction: Six CONECTIV Power Delivery aerial distribution power lines provide electricity to WFF. The operating voltage delivered by the electric utility is 12,470 – 7200 volts 3 phase 4-wire system. Five aerial distribution power lines provide electricity for the Main Base. One aerial distribution power line provides electricity for the Mainland and Island. The electrical distribution system at WFF is an aerial and underground system. The aerial section of the system at the Main Base consists of 2 electric utility poles and 1 steel structure. The aerial section of the system at the Mainland and Island consists of 2 electric utility poles. The remaining electric distribution system at both locations is an underground system either encased in raceways or is direct buried. The 15KV electrical distribution system is defined to include, but is not limited to: 15KV power VAC circuit breakers (to 1200 amps), protective relays, manually operated pad mounted switches (oil, air and SF6 gas type), pad mounted transformers, 15KV voltage regulators (to 12MVA), capacitors, 15KV single conductor cable, splices, terminations, lightning arresters, potential and current transformers, fuses and associated hardware.

Requirement: The Contractor shall:

- a. Comply with the Two Person Safety Rule. In the following situations the Contractor shall provide at least two (2) persons to work together – one (1) person, trained to recognize electrical hazards, shall be delegated to watch the movements of the other(s) doing the work so that the other(s) can be warned if they get dangerously close to live conductors or perform other unsafe acts and so that they can be assisted by that person in the case of an accident:
 - (a) Work on energized overhead lines, bus and switchgear.
 - (b) Work in energized substations.
 - (c) Work at remote or isolated locations.
 - (d) Work at night or during inclement weather conditions.
 - (e) Work involving handling energized conductors or apparatus.
 - (f) Confined space entry.
- b. Provide for the operation, maintenance and repair (24 hours per day, 7 days per week) of the WFF 15KV electrical distribution system.
- c. Operate and maintain the electrical systems and their associated components as defined herein and as recommended by the manufacturer. Contractor personnel working with and around high voltage distribution systems shall be trained, experienced and certified to work with them. The workmanship for new construction and renovation shall meet, as a minimum, the requirements as specified by the National Electrical Code (NEC) and applicable IEEE standards. The Contractor shall schedule and obtain approval from the CO for electrical power outages.
- d. The overall quality of any repair, including materials, shall comply with the applicable SPECSINTACT and it's referenced codes and standards. Work shall be comparable to the original construction quality for the system or unit and shall be made in such a manner as to assure a safe and reliable electrical system.

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- e. Comply with the National Electric Code, NASA Goddard Safety and Health Program Plan (latest edition) and NASA Goddard Space Flight Center Electrical Safety Policy Manual.

Standard: Work performed on time in accordance with requirements and quality standards.

3.3.2 High Voltage 2400 – 1300 Volts

Introduction: The 2400--1300 volt distribution system is a 3 phase 4 wire underground (concrete encased raceways and direct buried) electrical distribution system that provides electricity to the airfield lighting system and 9 other sites located on the Main Base. The 2.4KV electrical distribution system is defined to include, but is not limited to: manually operated pad mounted switches (air type), pad mounted transformers, 5KV single conductor cable, splices, terminations, grounding, lightning arresters, constant current regulators, fuses, relays, control circuits and associated hardware.

Requirement: The Contractor shall:

- a. Comply with the following Two-Person Safety Rule. In the following situations the Contractor shall provide at least two (2) persons to work together – one (1) person, trained to recognize electrical hazards, shall be delegated to watch the movements of the other(s) doing the work so that the other(s) can be warned if they get dangerously close to live conductors or perform other unsafe acts and so that they can be assisted by that person in the case of an accident:
 - (1) Work on energized overhead lines, bus and switchgear.
 - (2) Work in energized substations.
 - (3) Work at remote or isolated locations.
 - (4) Work at night or during inclement weather conditions.
 - (5) Work involving handling energized conductors or apparatus.
 - (6) Confined space entry.
- b. Provide for the operation, maintenance and repair (24 hours per day, 7 days per week) of the WFF 2.4KV electrical distribution system.
- c. Operate and maintain the electrical systems and their associated components as defined herein and as recommended by the manufacturer. Contractor personnel working with and around high voltage distribution systems shall be trained, experienced and certified to work with them. The workmanship for new construction and renovation shall meet, as a minimum, the requirements as specified by the National Electrical Code (NEC) and applicable IEEE standards. The Contractor shall schedule and obtain approval from the CO for electrical power outages.
- d. The overall quality of any repair, including materials, shall comply with the applicable SPECSINTACT and it's referenced codes and standards. Work shall be comparable to the original construction quality for the system or unit and shall be made in such a manner as to assure a safe and reliable electrical system.
- e. Comply with the National Electric Code, NASA Goddard Safety and Health Program Plan (latest edition) and NASA Goddard Space Flight Center Electrical Safety Policy Manual.

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Standard: Work performed on time in accordance with requirements and quality standards.

3.3.3 Service Entrance Systems to 600 Volts

Introduction: These systems provide a current path for service entrance between the facility transformer secondary bushings or subfeed from another source/facility and the facility main disconnecting means. Service entrance systems are defined to include, but not limited to: air or sandwiched busduct, busway, cablebus, multiplex conductor assemblies, conduit/wire systems, busbar (straight lengths, elbows, tee's, tap boxes, etc.) tap boxes, power takeoffs, plugs, multi-conductor cable, housings, insulation, hangers and associated hardware.

Requirement: The Contractor shall:

- a. Provide for the operation, maintenance and repair of the service entrance systems located at WFF.
- b. Comply with the National Electric Code, NASA Goddard Safety and Health Program Plan (latest edition) and NASA Goddard Space Flight Center Electrical Safety Policy Manual.

Standard: Work performed on time in accordance with requirements and quality standards.

3.3.4 Main Disconnecting Means To 600 Volts

Introduction: The main disconnecting means is a device, group of devices, or other means by which the conductors of a circuit can be disconnected from their source of power. The main disconnecting means is comprised of 240/120, 208/120 and 480/277 volt systems. The main disconnecting means is defined to include, but not limited to: Switchboards (indoor and outdoor type), metal clad switchgear, motor control centers, load centers, meters, meter enclosures and wiring, molded case circuit breakers, fuses, receptacles, distribution panels and their components for voltage transformation, grounding components, conduit/wire systems, protective relays and associated hardware.

Requirement: The Contractor shall:

- a. Provide operations, maintenance and repair of all main disconnecting means located at WFF.
- b. Comply with the National Electric Code, NASA Goddard Safety and Health Program Plan (latest edition) and NASA Goddard Space Flight Center Electrical Safety Policy Manual.

Standard: Work performed on time in accordance with requirements and quality standards.

3.3.5 Secondary Distribution Equipment to 600 Volts

Introduction: The secondary distribution electrical equipment at WFF is comprised of 240/120, 208/120 and 480/277 volt distribution, protection and switching equipment. Secondary distribution equipment is defined to include, but not limited to: Switching, interruption, control, metering, protective and regulating devices, together with their supporting structures, conductors, electrical interconnections and accessories, grounding, bus, bus supports, heaters, protective devices, enclosures, busbars and terminal connections,

disconnects, fuses, contactors, motor overload relays, pilot and miscellaneous control devices, interlocks and associated hardware. Examples of these systems are switchboards, metal clad switchgear, motor control centers, load centers, meter panels or centers, molded case circuit breakers, distribution panels, metering, control circuits, circuit switching and system protection in the secondary electrical distribution system other than service entrance equipment.

Requirement: The Contractor shall:

- a. Provide for the operation, maintenance and repair of all secondary electrical distribution equipment located at WFF.
- b. Comply with the National Electric Code, NASA Goddard Safety and Health Program Plan (latest edition) and NASA Goddard Space Flight Center Electrical Safety Policy Manual.

Standard: Work performed on time in accordance with requirements and quality standards.

3.3.6 Emergency Power Backup Systems

Introduction: These are systems which serve as an emergency source for supplying electrical power loads in the event of a service interruption or loss of electrical power. Emergency power backup systems are defined to include, but not limited to: Storage batteries, stationary and mobile electric generator sets, uninterruptible power systems (UPS) (energy storage batteries, rectifiers, inverters and associated controls), transfer switching devices, relay synchronizing, protective and auxiliary devices, alarms, control devices and systems, conductors, wiring components, grounds and associated hardware.

Requirement: The Contractor shall:

- a. Provide for the operation, maintenance and repair of all emergency power backup systems located at WFF to insure that emergency backup power is available and operational upon failure or outage of the normal source.
- b. Maintain all fixed-mounted UPS systems. The Contractor shall inspect each UPS system every 90 calendar days. The inspection shall include battery fluid level, leaks, cracks, and deterioration, test for specific gravity and voltage output as well as system current and voltage harmonic content, harmonic content of the ground and neutral currents, noise levels, static switch operation, switch closing time, battery bank current, and voltage output. The Contractor shall test all items under a simulated emergency. All defective batteries shall be replaced. The Contractor shall retain all inspection and test reports and enter the data, in a format approved by the CO, into the CMMS within one (1) calendar day after the test so that the CO can retrieve the information easily and promptly.
- c. Comply with the National Electric Code, NASA Goddard Safety and Health Program Plan (latest edition), NASA Goddard Space Flight Center Electrical Safety Policy Manual and industry standards.

Standard: Work performed on time in accordance with requirements and quality standards.

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3.3.7 Lightning Protection Systems

Introduction: These systems comprise the lightning protection systems for all buildings and structures including electrical substations, towers, masts and antennas. Lightning protection systems are defined to include, but not limited to: Arresters, air terminals, shielding systems, overhead static wires, ground wires, ground rods, grids, plates and associated hardware.

Requirement: The Contractor shall:

- a. Provide for the inspection, maintenance and repair of all WFF lightning protection systems semi-annually.
- b. Comply with National Electric Code, and ANSI/IEEE requirements.
- c. Facilities that use or store explosives shall be inspected and tested IAW NASA Safety Standard 1740.12, Safety Standard for Explosives, Propellants and Pyrotechnics

Standard: Work performed on time in accordance with requirements and quality standards.

3.3.8 Obstruction and Warning Lighting Systems

Introduction: These systems comprise the aircraft and watercraft warning lighting system on towers, antennas, masts and bridges located at WFF. Obstruction and warning lighting systems are defined to include, but not limited to lamps, reflectors, globes, ballasts, timers, controls, fixture mounting systems, conduits, wiring and associated hardware.

Requirement: The Contractor shall:

- a. Provide for the operation, maintenance and repair of all WFF obstruction and warning lighting systems.
- b. Comply with National Electric Code, and FAA requirements.

Standard: Work performed on time in accordance with requirements and quality standards.

3.3.9 Airfield Lighting System. 2400 – 1300 Volts

Introduction: The airfield lighting system provides lighting for aircraft operations. The airfield lighting system is defined to include, but not limited to: Taxiway lighting, runway lighting, REIL lighting (runway end identification lights), PAPI lighting (precision approach path indicator), runway identification signs, vehicle warning crossing lights, recessed runway and taxiway lighting, rotating beacon, tetrahedron, 5KV single conductor cable, metal transformer vaults and covers, transformers, lighting fixture mounts, splices, connectors, constant current regulators, arresters, switches, control systems and wiring, relays and associated hardware.

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Requirement: The Contractor shall:

- a. Provide for the operation, maintenance and repair of the airfield lighting system.
- b. Comply with the National Electric Code, NASA Goddard Safety and Health Program Plan (February 1997) and NASA Goddard Space Flight Center Electrical Safety Policy Manual, FAA requirements.

Standard: Work performed on time in accordance with requirements and quality standards.

3.3.10 Exterior Lighting Systems to 600 Volts

Introduction: The exterior lighting systems provide lighting for: Roadways, parking areas, aircraft hangers, building entrances/exits, safety, and security located at Wallops Flight Facility. Exterior lighting systems is defined to include, but not limited to: lamps, reflectors, lens, fixture mounting assemblies, ballasts, poles (concrete and wood), conductors, conduit, control devices (photocells and timing devices), circuit breakers, fuses, switches, contactors and associated hardware.

Requirement: The Contractor shall:

- a. Provide for the operation, maintenance and repair of all WFF exterior lighting systems.
- b. Comply with the National Electric Code, NASA Goddard Safety and Health Program Plan (February 1997) and NASA Goddard Space Flight Center Electrical Safety Policy Manual.

Standard: Work performed on time in accordance with requirements and quality standards.

3.3.11 Interior Lighting Systems to 600 Volts

Introduction: These systems comprise the building or facility interior general area lighting from the panel board to the end user. The interior lighting system is defined to include, but not limited to: fixtures, lamps, ballasts, reflectors, lens, diffusers, fuses, switches, circuit breakers, mounting assemblies, conductors, conduit, controls and associated hardware.

Requirement: The Contractor shall:

- a. Provide for the operation, maintenance and repair of all WFF interior lighting systems.
- b. Comply with the National Electric Code, NASA Goddard Safety and Health Program Plan (February 1997) and NASA Goddard Space Flight Center Electrical Safety Policy Manual.

Standard: Work performed on time in accordance with requirements and quality standards.

3.3.12 Emergency Lighting Systems to 600 Volts

Introduction: These systems provide life safety lighting including, but not limited to: emergency lighting units, exit lighting, stairwell and egress lighting. Emergency lighting systems must energize automatically upon loss of normal utility power or normal lighting. Light levels must be maintained to provide enough illumination to allow safe egress from the areas involved. Emergency lighting systems are defined to include, but not limited to: lamps, reflectors, ballasts, lens, diffusers, emergency power supplies, batteries, conduit, wiring and associated hardware.

Requirement: The Contractor shall:

- a. Provide the operation, maintenance and repair of all WFF emergency lighting systems/fixtures.
- b. Comply with the National Electric Code, NASA Goddard Safety and Health Program Plan (February 1997) and NASA Goddard Space Flight Center Electrical Safety Policy Manual.

Standard: Work performed on time in accordance with requirements and quality standards.

3.4 Electronic Control Systems

3.4.1 Fire Detection System

Introduction: The alarm systems for fire detection are located at various facilities through out Wallops Flight Facility (WFF). Fire detection systems are defined to include, but are not limited to: fire protection system central alarm receiver, interface devices, fire alarm control panels, initiating devices, audible alarm devices, visual alarm devices, signaling circuitry, cable, auxiliary relays and devices, annunciator panels and associated hardware.

Requirement: The Contractor shall:

- a. Provide 24 hours per day, 7 days per week operation, with maintenance and repair of fire detection systems during normal working hours. The Contractor shall respond to after hour trouble calls as required by the National Fire Protection Association Code (NFPA).
- b. Comply with all applicable NFPA, National Electric Code and NASA Safety Standard for Fire Protection (NSS 1740.11)

Standard: Work performed on time in accordance with requirements and quality standards.

3.4.2 Fire Protection Systems.

Introduction: The facility water, halon, carbon dioxide and FM-200 fire protection systems are located in various facilities through out WFF. Fire protection systems include, but are not limited to: piping, valves, sprinkler heads, booster pumps, wet pipe sprinkler systems, dry pipe sprinkler systems, air compressors, deluge systems, flow switches, tamper switches, pipe hangers and supports, fire hydrants, diesel and electric fire pumps and associated hardware.

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Requirement: The Contractor shall:

- a. Provide 24 hours per day, 7 days per week operation, with maintenance and repair of fire protection systems during normal working hours. The Contractor shall respond to after hour trouble calls as required by the NFPA Code.
- b. Comply with all applicable NFPA, National Electric Code and NASA Safety Standard for Fire Protection (NSS 1740.11)

Standard: Work performed on time in accordance with requirements and quality standards.

3.4.3 Security Systems

Introduction: The alarm systems for security are located in various facilities through out WFF. Systems include, but are not limited to: power supplies, secure access switches, motion detectors, balance magnetic switches, capacitance detectors, vibration detectors, control panels, raceways, wiring and associated hardware.

Requirement: The Contractor shall:

- a. Provide 24 hours per day, 7 days per week operation, with maintenance and repair of security systems during normal working hours. The Contractor shall respond to after hour trouble calls as required by the NASA Security Handbook (1620.3).
- b. Comply with all applicable National Electric Code and NASA Security Handbook (1620.3) requirements.

Standard: Work performed on time in accordance with requirements and quality standards.

3.4.4 Energy Management and Control System (EMCS) (Category 2)

Introduction: The energy management and control system (EMCS) is a distributed network of stand alone controls, which interface with two control consoles for monitoring and operator adjustment. The system is used to control and monitor a wide variety of equipment and processes. The EMCS central consoles serve as the central control point for real time monitoring, operation and management of facility systems and utilities throughout WFF. The EMCS is Johnson Controls Inc. METASYS, 9.01 version. The EMCS is connected to and controls building HVAC systems and monitors potable wells, sewage lift stations and electrical power. The system is defined to include, but not limited to: Network control modules, modem racks, RS485 racks, DX-9100 controllers, XT-9100 controllers, unitary controllers, air handling unit controllers, variable air volume controllers, DS-8500 controllers, electric power monitors, circuit integrators, radar frequency controllers, keyboards, monitors, printers, tape/disk drives, power protection devices, software, instrumentation, signal cables/wiring, telecommunications links, and associated equipment.

Requirement: The Contractor shall:

- a. Provide 24 hours per day, 7 days per week operation, with maintenance and repair of the EMCS during normal working hours. The Contractor shall respond to after hour trouble calls in accordance with Section 1.1.2 (Work Reception and Control). The Contractor shall provide the necessary support for factory upgrading of software and the addition of monitoring/control points in new facilities or systems throughout WFF. The Contractor shall provide staffing for the operation of all consoles, perform database management, backup to protect the software, real time management and notification of site utility outages/activities.
- b. Comply with NPG 8831.2, NASA Facilities Maintenance Management Guide.

Standard: Work performed on time in accordance with requirements and quality standards.

3.5 Mechanical

3.5.1 Heating, Ventilation, & Air Conditioning, and Refrigeration

Introduction: Heating, ventilation, & air conditioning (HVAC) and refrigeration systems include various types of equipment ranging from small water coolers to a 600-TON chill water loop system. The Contractor shall maintain all exhaust fans, which include but are not limited to those fans monitored by GSFC Industrial Hygienist. The inventory consists of more than 1200 serviceable air conditioning and refrigeration units and components that include but are not limited to: Air handling units, package a/c units, heat pumps, window a/c units, cold food bars, ice machines, refrigerators, chillers, pumps, dehumidifiers, humidifiers, motors, electronic air cleaners, freezers, control panels, cooling towers, exhaust fans and air-compressors.

Requirement: The Contractor shall:

- a. Maintain, service and repair all commercial and domestic air conditioning systems, units, and associated components relative to providing exhaust, climate control and/or refrigeration.
- b. Comply with all Federal requirements in maintaining, servicing, repairing and disposing of equipment containing CFC and HCFC (ozone depleting substances) refrigerants.
- c. Comply with equipment manufacturer specifications, National Building/Electrical/Plumbing Codes, Federal, NASA and local regulations.

Standard: Work performed on time in accordance with requirements and quality standards.

3.5.2 Mobile Cranes & Rigging

Introduction: Mobile Cranes include but are not limited to hydraulic rough terrain and truck cranes up to 65 ton capacity and conventional track crawler cranes up to 100 ton capacity.

Requirement: The Contractor shall:

- a. Perform specialized rigging and load lifting in support of O&M requirements and customer/tenant requirements.
- b. Also perform routine inspection, testing, maintenance, repairs and general preventive maintenance procedures on mobile and rigging equipment during normal working hours and on 24-hour call-in basis.
- c. Comply with the NASA Safety Standard for Lifting Devices and Equipment, NSS/GO-1740.9 and all applicable OSHA, ANSI and PCSA requirements.

Standard: Work performed on time in accordance with requirements and quality standards.

3.5.3 Fixed Cranes

Introduction: Fixed cranes include all overhead bridge, monorail, and chain hoists permanently installed in a fixed location.

Requirement: The Contractor shall:

- a. Perform specialized rigging and load lifting in support of O&M requirements and customer/tenant requirements.
- b. Perform routine inspection, testing, maintenance, repairs and general preventive maintenance procedures on all WFF fixed cranes during normal working hours and on 24 hour call-in basis.
- c. Comply with the NASA Safety Standard for Lifting Devices and Equipment, NSS/GO-1740.9 and all applicable OSHA standards.

Standard: Work performed on time in accordance with requirements and quality standards.

3.5.4 Elevators

Introduction: This section includes all personnel and service elevators located at WFF.

Requirement: The Contractor shall:

- a. Maintain, service, perform P/M and inspect all elevators at WFF.
- b. Comply with the NASA Safety Standard for Lifting Devices and Equipment, NSS/GO-1740.9, manufacturers' recommendations, OSHA and NASA safety standards.

Standard: Work performed on time in accordance with requirements and quality standards.

3.5.5 Heavy Equipment

Introduction: The Contractor shall provide operations and maintenance of specialized heavy equipment including but not limited to: Backhoes, front end loaders, excavators, bulldozers, motor graders, runway sweepers, vibratory compactors, dump trucks with snow plow and spreader capabilities and other various construction type equipment.

Requirement: The Contractor shall:

- a. Operate WFF specialized heavy equipment. The Contractor shall provide general equipment maintenance and repairs. This requirement may occur during normal working hours, on 24 hour call in basis, and at on-site and off-site projects.
- b. All equipment shall be maintained and inspected in conformance with all applicable industry and manufacturer standards and recommendations. Equipment shall be operated using the utmost safety precautions. Unscheduled response time shall be in accordance with trouble call requirements.

Standard: Work performed on time in accordance with requirements and quality standards.

3.5.6 Welding

Introduction: Welding activities include but are not limited to welding of carbon steel, aluminum and stainless steel. Work is performed in the field and in the shop area.

Requirement: The Contractor shall:

- a. Provide welding services as required for the operation and maintenance of WFF and for tenants/customers.
- b. Comply with all applicable OSHA and ANSI safety standards. The Contractor shall supply welding services up to and including Section IX of the ASME Boiler and Pressure Code.

Standard: Work performed on time in accordance with requirements and quality standards.

3.6 Other Facility Systems

3.6.1 Structural

Introduction: Other facilities include the interior and exterior of buildings, and miscellaneous facilities components. Components include but are not limited to pavement, sidewalks, towers, concrete pads, parking areas, fencing, and retaining walls.

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Requirement: The Contractor shall:

Maintain and repair facilities systems and components. Work performed shall ensure safe, reliable, and available facilities and shall comply with the NPG 8831.2, *NASA Facilities Maintenance Management Handbook* and BOCA standards.

- a. Carpentry: Carpentry work shall include the internal and external maintenance and repairs of approximately 500 structures and components. This includes, but is not limited to, doors, windows, floors, ceilings, finish trim, hardware, roofs, and exterior finishes.
- b. Masonry: Masonry work shall include the interior and exterior repair and maintenance of approximately 500 structures and components and approximately 650,000 sq. yds. of paved surfaces. This includes, but is not limited to, concrete pads, sidewalks, brick structures, foundations, pavement, concrete cutting and runway repair.
- c. Painting/Finishing/Coating: Painting work shall include, but is not limited to, the interior and exterior of approximately 500 structures and components, and 15 towers. Work includes preparation of surfaces, application of a wide variety of coatings and finishes, and fabrication of signage. Coatings shall be applied to walls, floors, ceilings, trim, roofs, building exteriors, runway and parking surfaces.
- d. Cabinetmaking: The cabinetmaker shall fabricate a wide variety of custom cabinets and building components. These shall include, but not limited to, desks, countertops and cabinets, frames, plaques, bookends, and custom built jogs and cases.
- e. Sheetmetal: The sheetmetal mechanic shall fabricate and modify sheetmetal components. This work is in support of all trades and includes but is not limited to ductwork flashings, trims, ventilation assemblies, and structural components.

Standard: Work performed on time in accordance with requirements and quality standards.

3.6.2 Mechanical Operated Doors

Introduction: There are 4 sets of Aircraft Hanger Doors and 175 mechanically operated overhead doors located at WFF.

Requirement: The contractor shall maintain, service, perform PM, and repair or replace damaged equipment or components on all mechanical operated doors. The PM and service shall be performed on a regular basis as determined by the manufacturer's requirements.

Standard: Work performed on time and in accordance with requirements and quality standards.

3.6.3 Air Compressors (non-HVAC type)

Introduction: There are specialized air compressors and dryer systems used at WFF to provide, but not limited to, regular shop air, paint spraying air, pneumatic controls, hydraulic controls, etc.

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Requirement: The contractor shall provide PM procedures, maintenance and repairs and replacement of units or components as needed to maintain compressor and dryer systems in working order.

Standard: Work shall be performed to meet all ANSI and NASA standards for air compressor systems and shall meet quality standards.

3.6.4 Seawall Maintenance and Repair (IDIQ)

Introduction: Wallops Island has approximately 4 miles of armor stone seawall.

Requirement: The contractor shall use heavy equipment as needed to maintain and repair the seawall and seawall access roads.

Standard: Work shall be performed on time and in accordance with requirements and quality standards.

3.7 Utilities

3.7.1 Central Steam Plant

Introduction: The central steam plant houses 3 boilers ranging from 500HP to 700HP providing steam to 29 buildings. Equipment to be maintained includes but is not limited to boilers, pumps, valves, steam lines, etc. Historically, the after hours trouble desk and EMCS monitoring terminal has been located in the Central Heating Plant.

Requirement: The Contractor shall:

- a. Operate the central steam plant on a 24 hour per day, 7 days per week schedule for approximately 215 days per year from early fall to late spring.
- b. Furnish all labor, supervision, tools, materials, transportation, and management necessary for the operation, monitoring, preventive maintenance, trouble calls, repair and overhaul of the Central Steam Plant (Building D-8) equipment, associated steam distribution and condensate return systems.
- c. Comply with all codes and regulations prescribed by the Navy Facilities Engineering Command, Atlantic Division, in NAVFAC-MO-205, Central Heating and Steam Electric Generating Plants, Volumes I through 5; and NAVFAC-MO-322, Inspection for Maintenance of Public Works and Public Utilities, Volume I shall apply.
- d. Comply with the WFF Boiler Plant O&M Manual.
- e. Monitor the fuel oil storage tanks daily for leaks, spills or repairs.

Standard: Work performed on time in accordance with requirements and quality standards.

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3.7.2 Stand Alone Heating Plants

Introduction: Stand alone heating plants consist of small stand alone boilers and hot air furnaces. These include but are not limited to hot air furnaces, boilers, pumps and associated piping, fuel tank alarm systems, and burners.

Requirement: The Contractor shall:

- a. Continuously inspect, monitor, maintain, operate, and repair the 48 boilers and hot air furnaces located in various buildings at WFF.
- b. Comply with the manufacturer's recommendations, O&M manuals, P/M programs and procedures, and current predictive testing technology.
- c. Monitor the fuel oil storage tanks daily for leaks, spills or repairs.

Standard: Work performed on time in accordance with requirements and quality standards.

3.7.3 Water Plants

Introduction: Two water plants supply potable water for WFF. The water plants include but are not limited to pumps, high rise tanks, potable water, fire pumps, chlorine, flow meters and charts, testing, and state certification.

Requirement: The Contractor shall:

- a. Operate and maintain the water plants 24 hours per day, 7 days per week, 365(366) days per year.
- b. Operate the water plants in accordance with the current Virginia Dept. of Health permits for the Main base, Mainland and Island and comply with all local, state and federal regulatory requirements.

Standard: Work performed on time in accordance with requirements and quality standards.

3.7.4 Wastewater Treatment Plants

Introduction: There are two wastewater plants. The wastewater treatment plant at the WFF Main Base also serves the Island by way of an interconnecting forced main. The Contractor shall also operate and maintain the wastewater treatment plant at the Chincoteague Coast Guard Station, Chincoteague Island, Virginia. The wastewater plants are defined to include but are not limited to pumps, lift stations, bi-filter, digester, grit remover, cummunators, primary clarifier, flow meters and charts.

Requirement: The Contractor shall:

- a. Operate and maintain the wastewater treatment plants and collection system 24 hours per day, 7 days per week, 365(366) days per year.
- b. Operate and maintain the wastewater treatment plants in accordance with the State approved O&M manual, the current VPDES permit, and comply with all local, state, and federal regulatory requirements.

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Standard: Work performed on time in accordance with requirements and quality standards.

3.7.5 Ground Water Remediation

Introduction: The ground water remediation system at WFF is defined to include but is not limited to pumps, tanks, piping, filters, clarifiers and chemical treatment equipment.

Requirement: The Contractor shall:

- a. Operate, maintain, perform compliance sampling and daily monitoring of all groundwater remediation systems, assuring replenishment of consumable supplies, such as chemicals and filters.
- b. Comply with the Corrective Action Plan submitted to the state of Va. by NASA.
- c. Comply with federal, state, and local environmental laws, regulations, directives, and rules pertaining to ground water remediation.

Standard: Work performed on time in accordance with requirements and quality standards.

3.7.6 Aviation Fuel Farm

Introduction: The aviation fuel farm supplies fuel for all Wallops Aircraft. The Contractor shall be responsible for monitoring and performing all maintenance and repairs at WFF. The aviation fuel farm consists of pumps, valves, piping and other associated components.

Requirement: The Contractor shall:

Perform maintenance (including preventative maintenance) and repairs on all fuel farm equipment.

- a. Perform maintenance (including preventative maintenance) and repairs on all fuel farm equipment.
- b. Comply with NASA, Federal, State, and local environmental laws, regulations, directives, and rules pertaining to aviation fuel farms.

Standard: The activities will be conducted in accordance with approved work instructions and in conjunction with the Fuel Farm Manager. All services will be performed in accordance with paragraph 420 of the GSFC-WFF Airport Operations Manual. Tasks performed in accordance with time frames, quality standards and requirements specified, and documentation prepared as required.

3.7.7 RESERVED

3.7.8 Backflow Prevention

Introduction: There are 99 sites where backflow preventors are located at WFF.

Requirement: The Contractor shall:

- a. Perform maintenance and testing on all backflow preventors at WFF in accordance with the PM program.

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- b. Comply with federal, Virginia Dept of Health, and local environmental laws, regulations, directives, and rules pertaining to backflow prevention.

Standard: Work performed on time in accordance with requirements and quality standards.

3.7.9 Fire Protection Systems

Introduction: There are 3 – 10k gpm pumps on the Mainbase and 1 - 750 gpm on Wallops Island.

Requirement: The contractor shall:

- a. Perform maintenance and testing of all fire pumps in accordance with the established PM (Preventative Maintenance) program.
- b. Comply with Federal, Commonwealth of Virginia Dept. of Health, and local environmental laws, regulations, directives, and rules pertaining to fire pumps.

Standard: Work performed on time in accordance with requirements and quality standards.

3.8 Change of Occupancy Services (IDIQ)

Introduction: Change of occupancy of Navy family housing units includes but is not limited to all maintenance, repair/replacement and other work as required to make a vacant family housing unit ready for the next resident. Work may include replacement of floor coverings.

Requirement: The Contractor shall:

- a. Provide change of occupancy services beginning at 8:00 a.m. on the first Contractor workday following the final termination inspection by the Government. Change of occupancy services shall include interior painting, plumbing, HVAC, electrical, carpentry and making necessary repairs/replacements. The Contractor shall also repair or replace damaged, inoperative, or missing interior accessories including but not limited to paper holders, door bells, soap trays, smoke detectors, door stops, light fixtures, globes and mini-blinds.
- b. Comply with the NPG 8831.2, *NASA Facilities Maintenance Management Guide*, and BOCA standards. All work shall be completed within five (5) Contractor working days after the change of occupancy period begins.

Standard: Work performed on time in accordance with requirements and quality standards.

3.9 Pest/Nuisance Vegetation Management and Animal Control

3.9.1 Pest Management

Introduction: Control of pests and nuisance vegetation at WFF includes but is not limited to control of weeds on sidewalks, runways and paved surfaces and pests (insect type) in or around the interior and exterior of facilities.

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Requirement: The Contractor shall:

- a. Provide an integrated pest and vegetation control plan to control pests and nuisance vegetation at WFF, and shall implement approved plan.
- b. All pesticides (herbicides, insecticides, etc.) used by the Contractor shall be registered with the EPA. No pesticides are to be applied without the prior approval of the Navy Pest Management Coordinator (Navy areas) or the CO (NASA areas). All pesticide usage shall be in strict conformance with label directions. The Contractor shall maintain a label book of pesticides used and have it readily available for the CO's inspection at all times.
- c. Comply with all applicable Federal, State and NASA safety standards for the application, storage and disposal of pesticides and herbicides.

Standard: Work performed on time in accordance with requirements and quality standards.

3.9.2 Animal Control

Introduction: Animal control, in this section of the SOW, defines non-insects such as deer, snakes, birds, raccoons, skunks, cats, dogs, and any and all other rodents or animals.

Requirement: The Contractor shall:

- a. Be responsible for the general control of the "natural inhabitants of the WFF" and other unleashed animals when they become injured, entrapped, or become a nuisance or hazard to WFF employees and visitors.
- b. Coordinate with local animal authorities in the capture and removal of animals and report to the Government of all actions taken.

Standard: All requirements are performed accurately, in a timely manner, and in accordance with all references, directives, and SOPs.

3.10 Salvageable Materials and Debris

Introduction: Excess salvageable equipment and material includes but is not limited to obsolete or damaged equipment and materials which have salvageable value as determined by the Government.

Requirement: The Contractor shall:

- a. Dispose of all excess salvageable equipment and material in accordance with GSFC Handbook 4300.6. The Contractor shall procure a permit from the local Accomack County Landfill to discard debris related to work at WFF.
- b. Comply with all applicable NASA, Federal, State, and local waste disposal laws and regulations.

Standard: Work performed on time in accordance with requirements and quality standards.

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